# UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,110,444 B1

Page 1 of 4

**APPLICATION NO. : 09/632856** 

DATED

: September 19, 2006

INVENTOR(S)

: Sorrells et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### ON TITLE PAGE

## Item (56)

10111 (30)		
Under "U.S. Patent Documents", please insert the following citations:		
4,870,659	09/1989	Oishi et al.
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4,885,587	12/1989	Wiegand et al.
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#### Item (56)

Under "Foreign Patent Documents", please insert the following citations:

JP 6-237276 08/1994 JP 8-23359 · 01/1996 JP 47-2314 02/1972 JP 58-7903 01/1983 JP 58-133004 08/1983 JP 60-58705 04/1985 JP 4-123614 04/1992 JP 4-127601 04/1992 JP 5-175730 07/1993 JP 5-175734 07/1993 JP 7-154344 06/1995 JP 7-307620 11/1995 JP 55-66057 05/1980 JP 63-65587 03/1988 JP 63-153691 06/1988 EP 0 276 130 A2&A3 07/1988

Under "Other Publications", please insert the following citations:

Karasawa, Y. et al., "A New Prediction Method for Tropospheric Scintillation on Earth-Space Paths," *IEEE Transactions on Antennas and Propagation*, IEEE Antennas and Propagation Society, Vol. 36, No. 11, pp. 1608-1614 (November 1988).

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#### Item (56)

Under "Other Publications", please insert the following citations (cont'd):

Lesage, P. and Audoin, C., "Effect of Dead-Time on the Estimation of the Two-Sample Variance," *IEEE Transactions on Instrumentation and Measurement*, IEEE Instrumentation and Measurement Society, Vol. IM-28, No. 1, pp. 6-10 (March 1979).

Liechti, C.A., "Performance of Dual-gate GaAs MESFET's as Gain-Controlled Low-Noise Amplifiers and High-Speed Modulators," *IEEE Transactions on Microwave Theory and Techniques*, IEEE Microwave Theory and Techniques Society, Vol. MTT-23, No. 6, pp. 461-469 (June 1975).

Linnenbrink, T.E. et al., "A One Gigasample Per Second Transient Recorder," *IEEE Transactions on Nuclear Science*, IEEE Nuclear and Plasma Sciences Society, Vol. NS-26, No, 4, pp. 4443-4449 (August 1979).

Liou, M.L., "A Tutorial on Computer-Aided Analysis of Switched-Capacitor Circuits," *Proceedings of the IEEE*, IEEE, Vol. 71, No. 8, pp. 987-1005 (August 1983).

Lo, P. et al., "Coherent Automatic Gain Control," *IEE Colloquium on Phase Locked Techniques*, IEE, pp. 2/1-2/6 (March 26, 1980).

Lo, P. et al., "Computation of Rain Induced Scintillations on Satellite Down-Links at Microwave Frequencies," *Third International Conference on Antennas and Propagation (ICAP 83)*, pp. 127-131 (April 12-15, 1983).

Lo, P.S.L.O. et al., "Observations of Amplitude Scintillations on a Low-Elevation Earth-Space Path," *Electronics Letters*, IEE, Vol. 20, No. 7, pp. 307-308 (March 29, 1984).

Madani, K. and Aithison, C.S., "A 20 Ghz Microwave Sampler," *IEEE Transactions on Microwave Theory and Techniques*, IEEE Microwave Theory and Techniques Society, Vol. 40, No. 10, pp. 1960-1963 (October 1992).

Marsland, R.A. et al., "130 Ghz GaAs monolithic integrated circuit sampling head," Appl. Phys. Lett., American Institute of Physics, Vol. 55, No. 6, pp. 592-594 (August 7, 1989).

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Matricciani, E., "Prediction of fade durations due to rain in satellite communication systems," *Radio Science*, American Geophysical Union, Vol. 32, No. 3, pp. 935-941 (May-June 1997).

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### Section (56)

Under "Other Publications", please insert the following citations (cont'd): McQueen, J.G., "The Monitoring of High-Speed Waveforms," Electronic Engineering, Morgan Brothers Limited, Vol. XXIV, No. 296, pp. 436-441 (October 1952).

This certificate supersedes certificate of correction issued August 7,2007.

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